

Title (en)

COHERENT LIGHT MEASURING DEVICE, AND OPTICAL LINE TEST SYSTEM AND METHOD

Title (de)

VORRICHTUNG ZUR MESSUNG VON KOHÄRENTEM LICHT SOWIE SYSTEM UND VERFAHREN ZUM TESTEN OPTISCHER LEITUNGEN

Title (fr)

DISPOSITIF DE MESURE DE LUMIÈRE COHÉRENTE, ET SYSTÈME ET PROCÉDÉ D'ESSAI DE LIGNE OPTIQUE

Publication

EP 4300030 A1 20240103 (EN)

Application

EP 21927934 A 20210226

Priority

JP 2021007519 W 20210226

Abstract (en)

[origin: WO2022180834A1] The purpose of the present disclosure is to make it possible to test a long-distance optical fiber line and to detect the distance to a plurality of abnormal equipment. The present disclosure is an optical line test system which: detects a distribution of loss locations in the longitudinal direction of an optical line by using a coherent light measuring device; applies vibrations to equipment disposed on the path of the optical line, detects vibration locations in the longitudinal direction of the optical line when the vibrations are applied, by using the coherent light measuring device; and identifies the loss locations on the basis of the detected loss locations and the vibration locations coinciding with each other.

IPC 8 full level

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